

Title (en)

Belt finishing device, belt finishing system and method for producing a belt finishing device

Title (de)

Bandfinishvorrichtung, Bandfinishsystem und Verfahren zur Herstellung einer Bandfinishvorrichtung

Title (fr)

Dispositif de finition de bande, système de finition de bande et procédé de fabrication d'un dispositif de finition de bande

Publication

**EP 2712702 A1 20140402 (DE)**

Application

**EP 12186775 A 20121001**

Priority

EP 12186775 A 20121001

Abstract (en)

The belt finishing device (10) has two bearing surfaces that are spaced-apart in a running direction of finishing belt (16), and a pressing device (30) for pressing the finishing belt against a workpiece surface (12). The pressing device includes a pressure belt that is supported on two spaced-apart bearing surfaces. One of the bearing surface and the pressure belt has a profile that deviates in a width direction of the finishing belt from a straight course. Independent claims are included for the following: (1) a belt finishing system; and (2) a method for producing belt finishing device.

Abstract (de)

Die Erfindung betrifft eine Bandfinishvorrichtung (10), umfassend eine Andrückeinrichtung (30) zum Andrücken eines Finishbands (16) gegen eine Werkstückoberfläche (12), wobei die Andrückeinrichtung (30) ein Andrückband (42) umfasst, welches an zwei in Laufrichtung des Finishbands (16) gesehen zueinander beabstandet angeordneten Lagerflächen gelagert ist, dadurch gekennzeichnet, dass mindestens eine der Lagerflächen (40) und/oder das Andrückband (42) ein Profil aufweist, das in Breitenrichtung des Finishbands (16) von einem geradlinigen Verlauf abweicht.

IPC 8 full level

**B24B 21/06** (2006.01); **B24B 35/00** (2006.01)

CPC (source: CN EP KR US)

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Citation (applicant)

EP 2212058 B1 20110713 - NAGEL MASCH WERKZEUG [DE]

Citation (search report)

- [AD] DE 102007051047 A1 20090423 - NAGEL MASCH WERKZEUG [DE]
- [A] DE 10332605 A1 20050217 - IBZ GMBH [DE]
- [A] DE 4318007 A1 19941201 - SCHAUDT MASCHINENBAU GMBH [DE]

Cited by

DE102017201120B3; DE102014211938A1; CN106573357A; KR20160110939A; GB2537516B; WO2015197449A1; WO2015104372A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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**EP 2712702 A1 20140402; EP 2712702 B1 20141203**; BR 102013025046 A2 20141014; BR 102013025046 B1 20211221; CN 103707165 A 20140409; CN 103707165 B 20170412; KR 101571212 B1 20151123; KR 20140043282 A 20140409; US 2014094099 A1 20140403; US 9221146 B2 20151229

DOCDB simple family (application)

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